



CERTIFIED MAIL 7007 2680 0000 4912 3636

November 12, 2012

Air Permits Division
Office of Permitting, Remediation & Registration
Texas Commission on Environmental Quality
Mail Code 161
P.O. Box 13087
Austin, Texas 78711-3087

***RE: Permit No. 01381 Minor Revision Application
Valero Refining – Texas, L.P. (CN600127468)
Houston Refinery (RN100219310)***

Dear Mr. Sims:

Valero Refining – Texas, L.P. (Valero) owns and operates a petroleum refinery located at 9701 Manchester, in Houston, Harris County, Texas. The Houston Refinery is registered under Texas Commission on Environmental Quality (TCEQ) account number HG-0130-C and operates under Title V Operating Permit No. 01381.

Valero submits this application for a Title V minor revision to incorporate the following:

- Change in permit representations for existing units;
- Addition of new units authorized by Permit by Rule or Standard Permits;
- Deletion of shutdown units;
- Addition of the Maintenance, Startup, and Shutdown Permit;
- Promulgation of new regulations (40 Code of Federal Regulations (CFR) Part 60, Subpart Ja and Part 63, Subpart DDDDD); and,
- Addition and revision of Periodic Monitoring requirements.

All proposed changes are described on the following forms:

- OP-CRO1, Certification By Responsible Official;
- OP-2, Application for Permit Revision ;
- OP-REQ1, Area-Wide Applicability Determinations;
- OP-REQ2, Negative Applicable Requirement Determinations;
- OP-UA, Unit Attribute Forms;
- OP-SUMR, Individual Unit Summary for Revisions; and,
- OP-MON, Periodic Monitoring Requirements.

Please note that Valero operates two (2) flares (30FL1 and 30FL6) subject to the requirements at 40 CFR Subpart 60, Subpart Ja. Both flares will become 40 CFR Part 60, Subpart Ja affected sources after November 11, 2015. As such, the requirements listed on Form OP-UA50 will apply after November 11, 2015. Please add this note to the Permit special terms and conditions.

Houston Refinery • Valero Refining-Texas, L.P.
9701 Manchester St. • Houston, Texas 77012-2408 • Telephone (713) 923-3300

With this application, Valero is submitting Periodic Monitoring (PM) provisions to address 30 Texas Administrative Code (TAC) Chapter 111 requirements for heaters, boilers, and Tail Gas Incinerators (TGIs).

In addition, Valero is proposing a revision in the existing PM provisions for Emission Point Numbers (EPNs) 47GF5401, 47FB503, 47FB504, 47FB509. Please note that the proposed monitoring procedures are consistent with the 40 Code of Federal Regulations (CFR) Part 63, Subpart VV, 40 CFR Part 63, Subpart CC, and 40 CFR Part 60, Subpart Kb monitoring procedures.

If you have any questions regarding the information in this submittal, please call me at 713-924-1524.

Sincerely,



Christopher Abshire
Manager Environmental Engineering

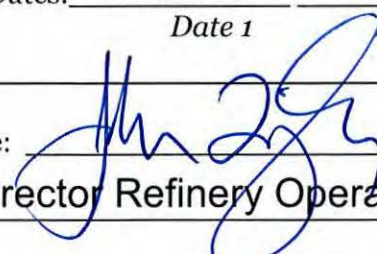
Attachments

cc: Chief, Air Permits Section, EPA Region 6 – Dallas, TX 7007 2680 0000 4912 3537
Air Section Manager, TCEQ Region 12 – Houston, TX
7007 2680 0000 4912 3889



Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. IDENTIFYING INFORMATION					
RN: RN100219310		CN: CN600127468		Account No.: HG-0130-C	
Permit No.: O1381			Project No.: TBD		
Area Name: Valero Houston Refinery			Company Name: Valero Refining – Texas, L.P.		
II. CERTIFICATION TYPE <i>(Please mark the appropriate box)</i>					
<input type="checkbox"/> Responsible Official			<input checked="" type="checkbox"/> Duly Authorized Representative		
III. SUBMITTAL TYPE <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input type="checkbox"/> Other: _____					
IV. CERTIFICATION OF TRUTH					
This certification does not extend to information which is designated by the TCEQ as information for reference only.					
I, <u>John Quigley</u> certify that I am the <u>DAR</u>					
<i>(Certifier Name printed or typed)</i>			<i>(RO or DAR)</i>		
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:					
<i>Note: Enter EITHER a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>					
Time Period: From _____ to _____					
<i>State Date</i> <i>End Date</i>					
Specific Dates: <u>11/12/2012</u>					
<i>Date 1</i> <i>Date 2</i> <i>Date 3</i> <i>Date 4</i> <i>Date 5</i> <i>Date 6</i>					
Signature: <u></u> Signature Date: <u>11/12/12</u>					
Title: <u>Director Refinery Operations</u>					



Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2
Table 1

Date: 11/12/2012	Permit No.: O1381	Account No.: HG-0130-C	Regulated Entity No.: RN100219310
Area Name: Houston Refinery	Company Name: Valero Refining – Texas, L.P.		Customer Reference No.: CN600127468

For Submissions to EPA (<i>SOP renewal, minor revision, and significant revision applications only</i>)	
Has a copy of this application been submitted (or is being submitted) to EPA? (<i>Refer to the form instructions for additional information.</i>)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I. APPLICATION TYPE								
Indicate the type of application:								
<input type="checkbox"/> Renewal	<input type="checkbox"/> Streamlined Revision (<i>Must include provisional terms and conditions as explained in the instructions.</i>)							
<input type="checkbox"/> Significant Revision	<input type="checkbox"/> Revision Requesting Prior Approval		<input checked="" type="checkbox"/> Minor Revision					
<input type="checkbox"/> Administrative Revision	<input type="checkbox"/> Response to Reopening							
II. QUALIFICATION STATEMENT								
For SOP Revisions Only	The referenced changes qualify for the marked revision type.						<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
For GOP Revisions Only	The permitted area continues to qualify for a GOP.						<input type="checkbox"/> YES <input type="checkbox"/> NO	
III. MAJOR SOURCE POLLUTANTS (<i>Complete this section if the permit revision is due to a change at the site.</i>)								
Indicate all pollutants for which the site is a major source based on the site's potential to emit after the change is operated:								
Pollutant	VOC	NO_x	SO₂	PM₁₀	CO	Pb	HAPs	Other
Major at the Site (<i>YES/NO</i>):	YES	YES	YES	YES	YES	NO	YES	
IV. FEE INFORMATION								
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?							<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
V. DELINQUENT FEES AND PENALTIES								
<small>Notice: This form will not be processed until all delinquent fees and/or penalties owed the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.</small>								



Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2

Date: 11/12/2012	Permit No.: O1381	Account No.: HG-0130-C	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Company Name: Valero Refining, Texas, L.P.	Customer Reference Number.: CN600127468

I. DESCRIPTION OF REVISION						
Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	NO	45FB6360	OP-SUMR	2507A	Change equipment name to 46FB6301. Change equipment name to Solvent Storage Tank. Revise Permit shield language.
2	MS-C	NO	45FB6001	OP-UA3	2507A	Update Permit representation.
3	MS-C	NO	45FB6002	OP-UA3	2507A	Update Permit representation.
4	MS-C	NO	45FB6001	OP-REQ2	2507A	Revise Permit shield language.
5	MS-C	NO	45FB6002	OP-REQ2	2507A	Revise Permit shield language.
6	MS-C	NO	46FB6301	OP-REQ2	2507A	Revise Permit shield language.
7	MS-C	YES	90CB5601	OP-UA4	106.492/09/04/2000	Add marine dock thermal oxidizer to Permit.
8	MS-C	NO	90DOCK1	OP-REQ2	106.261/11/01/2003 106.262/11/07/2003 106.492/09/04/2000	Add PBR authorization and MACT Y and MACT CC negative applicability to the Permit Shield.
9	MS-C	YES	22FB747	OP-UA3	2501A	Add storage tank to the Permit.
10	MS-C	NO	22FB749	OP-UA3	88508	Update Permit representation.
11	MS-C	NO	22FB748	OP-SUMR	88508	Update Permit representation.

TCEQ 10059 (Revised 03/10) Form OP-2 - Application For Permit Revision/Renewal
This form is for use by sources subject to air quality permit requirements and may be revised periodically. (APDG 5722v5)



**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2**

Date: 11/12/2012	Permit No.: O1381	Account No.: HG-0130-C	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Company Name: Valero Refining, Texas, L.P.	Customer Reference Number.: CN600127468

I. DESCRIPTION OF REVISION						
Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
12	MS-A	NO	30FUG	OP-SUMR	83749 106.261/11/01/2003	Revise NSR Authorization.
13	MS-A	NO	44FUG	OP-SUMR	2498A 106.261/11/01/2003	Revise NSR Authorization.
14	MS-A	NO	47FUG	OP-SUMR	48982 106.261/11/01/2003	Revise NSR Authorization.
15	MS-C	NO	FUG-CC	OP-SUMR	2501A	Delete equipment from Permit.
16	MS-C	NO	FUG-LOWHAP	OP-SUMR	2501A	Delete equipment from Permit.
17	MS-C	NO	47FB321	OP-UA3	106.478/09/04/2000	Update Permit representation.
18	MS-C	NO	47FB323	OP-UA3	106.478/09/04/2000	Update Permit representation.
19	MS-C	NO	90FB1001	OP-SUMR	086/08/11/1989	Delete equipment from Permit.
20	MS-C	NO	90FB1002	OP-SUMR	086/08/11/1989	Delete equipment from Permit.
21	MS-C	NO	N/A	OP-REQ1	46784	Delete NSR authorization from the list of NSR authorization references.
22	MS-C	NO	30FL1	OP-UA7	83749	Update Permit representation.
23	MS-C	NO	30FL6	OP-UA7	71281	Update Permit representation.

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**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2**

Date: 11/12/2012	Permit No.: O1381	Account No.: HG-0130-C	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Company Name: Valero Refining, Texas, L.P.	Customer Reference Number.: CN600127468

I. DESCRIPTION OF REVISION						
Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
24	MS-C	NO	90FB214	OP-SUMR	48982	Delete equipment from Permit.
25	MS-C	NO	90FB229	OP-SUMR	86/08/11/1989	Delete equipment from Permit.
26	MS-C	NO	90FB508	OP-SUMR	2501A	Delete tank form GRP-TK7 on the Permit Shield.
27	MS-C	NO	90FB208	OP-SUMR	48982	Delete equipment from Permit and Permit Shield.
28	MS-C	NO	91AFUG	OP-SUMR	48982 106.261/11/01/2003	Delete equipment from Permit.
29	MS-C	NO	N/A	OP-REQ1	37694	Delete NSR authorization from the list of NSR authorization references.
30	MS-C	NO	81BF01	OP-UA6	19637	Update Permit representation.
31	MS-C	NO	50BF02	OP-UA6	19637	Update Permit representation.
32	MS-C	NO	50BF03	OP-UA6	19637	Update Permit representation.
33	MS-C	NO	44BA3002	OP-UA6	2498A	Update Permit representation.
34	MS-C	NO	N/A	OP-REQ1	80493	Add NSR authorization to the Permit
35	MS-B	NO	47GF5401	OP-MON	48982	Revise Periodic Monitoring requirements.

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**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2**

Date: 11/12/2012	Permit No.: O1381	Account No.: HG-0130-C	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Company Name: Valero Refining, Texas, L.P.	Customer Reference Number.: CN600127468

I. DESCRIPTION OF REVISION						
Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
36	MS-C	YES	22SKD4201	OP-REQ2	88508	Add equipment to Permit.
37	MS-C	YES	22EG400	OP-REQ2	101541	Add equipment to Permit.
38	MS-C	NO	GRP-TK4	OP-REQ2	N/A	Change Permit Shield basis of determination.
39	MS-C	YES	Tank 281306	OP-SUMR	106.478/09/04/2000	Add tank to GRP-TK4
40	MS-B	NO	46CB6301	OP-UA15	2507A	Add periodic monitoring requirements.
41	MS-B	NO	39CB2001	OP-UA15	2507A	Add periodic monitoring requirements.
42	MS-B	NO	81BF01	OP-UA15	19637	Add periodic monitoring requirements.
43	MS-B	NO	50BF02	OP-UA15	19637	Add periodic monitoring requirements.
44	MS-B	NO	50BF03	OP-UA15	19637	Add periodic monitoring requirements.
45	MS-B	NO	GRP-HEATER	OP-UA15	71281	Add periodic monitoring requirements.
46	MS-C	NO	GRP-VENTLUBE	OP-UA15	N/A	Update Permit represenation.
47	MS-C	YES	44FB3002	OP-SUMR	48982	Add equipment to Permit.

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**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2**

Date: 11/12/2012	Permit No.: O1381	Account No.: HG-0130-C	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery	Company Name: Valero Refining, Texas, L.P.		Customer Reference Number.: CN600127468

I. DESCRIPTION OF REVISION						
Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
48	MS-C	YES	Tank 281308	OP-SUMR	106.472/09/04/2000	Add equipment to Permit.
49	MS-C	YES	47FA5	OP-REQ2	48982	Add equipment to Permit.
50	MS-C	YES	47AD5401	OP-REQ2	48982	Add equipment to Permit.
51	MS-C	YES	47AD5402	OP-REQ2	48982	Add equipment to Permit.
52	MS-C	YES	47AD5405	OP-REQ2	48982	Add equipment to Permit.
53	MS-C	YES	47AD5407	OP-REQ2	48982	Add equipment to Permit.
54	MS-C	YES	47AD5409	OP-REQ2	48982	Add equipment to Permit.
55	MS-C	YES	46LO6201	OP-UA50	2507A	Add equipment to Permit.
56	MS-C	YES	46AD6206	OP-UA50	2507A	Add equipment to Permit.
57	MS-C	YES	39LO1001	OP-UA50	2507A	Add equipment to Permit.
58	MS-C	YES	39FA1006	OP-UA50	2507A	Add equipment to Permit.

TCEQ 10059 (Revised 03/10) Form OP-2 - Application For Permit Revision/Renewal
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**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2**

Date: 11/12/2012	Permit No.: O1381	Account No.: HG-0130-C	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery	Company Name: Valero Refining, Texas, L.P.		Customer Reference Number.: CN600127468

I. DESCRIPTION OF REVISION						
Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
59	MS-C	YES	39FB1001	OP-UA50	2507A	Add equipment to Permit.
60	MS-C	YES	90FB847	OP-UA15	2501A	Add equipment to Permit.
61	MS-C	YES	90FB831	OP-UA15	2501A	Add equipment to Permit.
62	MS-C	YES	90FB832	OP-UA15	2501A	Add equipment to Permit.
63	MS-C	YES	90FB833	OP-UA15	2501A	Add equipment to Permit.
64	MS-C	YES	90FB834	OP-UA15	2501A	Add equipment to Permit.
65	MS-C	YES	90FB835	OP-UA15	2501A	Add equipment to Permit.
66	MS-C	YES	90FB844	OP-UA15	2501A	Add equipment to Permit.
67	MS-C	YES	90FB845	OP-UA15	2501A	Add equipment to Permit.
68	MS-C	NO	81SKD5603	OP-UA50	106.533/07/04/2004	Update Permit representation.
69	MS-C	NO	91CB915	OP-UA50	106.533/07/04/2004	Update Permit representation.
70	MS-C	NO	81SKD5602	OP-UA50	106.533/07/04/2004	Update Permit representation.

TCEQ 10059 (Revised 03/10) Form OP-2 - Application For Permit Revision/Renewal
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**Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2
Table 3**

Date: 11/12/2012	Permit No.: O1381	Account No.: HG-0130-C	Regulated Entity No.: RN100219310
Area Name: Houston Refinery	Company Name: Valero Refining – Texas, L.P.		Customer Reference No.: CN600127468

I. SIGNIFICANT REVISION <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required:	
C. Will there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:	
Pollutant	Description of the Change in Pollutant Emissions



Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 1)
Federal Operating Permit Program

Date: 11/12/2012	RN No.: RN100219310	Permit No.: O1381
Area Name: Valero Houston Refinery		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. TITLE 30 TAC CHAPTER 111 - CONTROL OF AIR POLLUTION FROM VISIBLE EMISSIONS AND PARTICULATE MATTER		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes stationary vents constructed after January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. All stationary vents are addressed on a unit specific basis. <i>If the response to Question I.A.3. is "YES," go to Question I.A.5.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	4. Stationary vents constructed after January 31, 1972 are subject to compliance assurance monitoring requirements.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots		
	1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆	a. The application area is located within the City of El Paso.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 2)
Federal Operating Permit Program

Date: 11/12/2012	RN No.: RN100219310	Permit No.: O1381
Area Name: Valero Houston Refinery		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. TITLE 30 TAC CHAPTER 111 - CONTROL OF AIR POLLUTION FROM VISIBLE EMISSIONS AND PARTICULATE MATTER (continued)		
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots (continued)		
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<p><i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d.</i> <i>If all responses to Questions I.B.1.a-d are "NO", go to Section I.C.</i></p>		
2. Items a - d determine the specific applicability of these requirements.		
◆	a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes		
◆	1. The application area includes nonagricultural processes subject to 30 TAC § 111.151.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area includes vents from a nonagricultural process that are subject additional monitoring requirements. <i>If the response to Question I.C.2. is "NO," go to Question I.C.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	3. All vents from nonagricultural processes in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5. is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 3)
Federal Operating Permit Program

Date: 11/12/2012	RN No.: RN100219310	Permit No.: O1381
Area Name: Valero Houston Refinery		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I.	TITLE 30 TAC CHAPTER 111 - CONTROL OF AIR POLLUTION FROM VISIBLE EMISSIONS AND PARTICULATE MATTER (continued)	
	C. Emissions Limits on Nonagricultural Processes (continued)	
	6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8. is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	D. Emissions Limits on Agricultural Processes	
	1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	E. Outdoor Burning	
◆	1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

II. TITLE 30 TAC CHAPTER 112 - CONTROL OF AIR POLLUTION FROM SULFUR COMPOUNDS	
A. Temporary Fuel Shortage Plan Requirements	
1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs)	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO", go to Section IV.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage of Volatile Organic Compounds	
◆ 1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
C. Industrial Wastewater	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)		
C. Industrial Wastewater (continued)		
4.	The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
7.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Loading and Unloading of VOCs		
◆ 1.	The application area includes VOC loading operations.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2.	The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2, are "NO," go to Section III.E.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3.	Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. <i>If the response to Question III.D.3 is "YES," go to Section III.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 4.	For application areas in the Houston/Galveston/Brazoria area, marine terminal transfer operations are conducted in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs)

E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities

◆	1.	The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2.	Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3.	All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7.	At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 125,000 gallons of gasoline in a calendar month after January 1, 1999. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8.	At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8. Is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)		
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	2. Transfer operations used exclusively for the fueling of aircraft, watercraft, or agricultural implements are the only transfer operations conducted at facilities in the application area. <i>If the response to Question III.G.2 is "YES," go to Section III.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	3. The application area includes facilities where 95% or more of the motor vehicle fleet being fueled is equipped with onboard refueling vapor recovery equipment. <i>Note: If the response to Question III.G.3 is "NO," go to Question III.G.5.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	4. All facilities in the application area provide fueling only for motor vehicle fleets where 95% or more of the motor vehicle fleet being fueled is equipped with onboard refueling vapor recovery equipment. <i>Note: If the response to Questions III.G.3. and III.G.4. are both "YES," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes facilities that began construction on or after November 15, 1992.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes facilities that began construction prior to November 15, 1992.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
H. Control Of Reid Vapor Pressure (RVP) of Gasoline		
◆	1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆	2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)		
H. Control Of Reid Vapor Pressure (RVP) of Gasoline (continued)		
◆	3. The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries		
	1. The application area is located at a petroleum refinery.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
J. Surface Coating Processes (Complete this section for GOP applications only.)		
◆	1. Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(a)(3)(A) or 115.427(b)(1) are performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
K. Cutback Asphalt		
	1. Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
	2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
	3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	4. The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO



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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)		
K. Cutback Asphalt (continued)		
6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
L. Degassing or Cleaning of Stationary, Marine, and Transport Vessels		
◆ 1.	The application area includes degassing or cleaning operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2.	Degassing or cleaning of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3.	Degassing or cleaning of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 4.	Degassing or cleaning of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 5.	Degassing or cleaning of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 6.	Degassing or cleaning of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A



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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)		
L. Degassing or Cleaning of Stationary, Marine, and Transport Vessels (continued)		
◆	7. Degassing or cleaning of VOC marine vessels that do not meet one or more of the exemptions specified in 30 TAC § 115.547(1), (2), or (5), but have sustained damage as specified in 30 TAC § 115.547(4) is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
M. Petroleum Dry Cleaning Systems		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))		
	1. The application area includes one or more vent gas streams containing HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the response to Question III.N.1. and III.N.2. are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the response to Questions III.N.3. and III.N.4. are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	5. The application area contains pressure relief valves that are not controlled by a flare.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)	
O. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
IV. TITLE 30 TAC CHAPTER 117 - CONTROL OF AIR POLLUTION FROM NITROGEN COMPOUNDS	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, Dallas/Fort Worth, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C. and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. See instructions for a list of counties included. <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Utility Electric Generation in Ozone Nonattainment Areas	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1. is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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IV. TITLE 30 TAC CHAPTER 117 - CONTROL OF AIR POLLUTION FROM NITROGEN COMPOUNDS (continued)

C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas

- | | | |
|---|---|--|
| ◆ | 1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400.
<i>For SOP applications, if the response to Question IV.C.1. is "NO," go to Question IV.D.1.</i>
<i>For GOP applications for GOP 517, if the response to Question IV.C.1. is "NO," go to Section IV.F.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 2. The application area is located at a site that was a major source of NO _x before November 15, 1992. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| ◆ | 3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

D. Adipic Acid Manufacturing

- | | | |
|--|--|--|
| | 1. The application area is located at, or part of, an adipic acid production unit. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
|--|--|--|

E. Nitric Acid Manufacturing - Ozone Nonattainment Areas

- | | | |
|--|---|--|
| | 1. The application area is located at, or part of, a nitric acid production unit. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
|--|---|--|

F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines

- | | | |
|---|--|---|
| ◆ | 1. The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas.
<i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.H.1.</i>
<i>For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a). | <input type="checkbox"/> YES <input type="checkbox"/> NO |



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IV.	TITLE 30 TAC CHAPTER 117 - CONTROL OF AIR POLLUTION FROM NITROGEN COMPOUNDS <i>(continued)</i>	
	F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines <i>(continued)</i>	
◆	3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area and has units that qualify for an exemption under 30 TAC § 117.2103.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	G. Utility Electric Generation in East and Central Texas	
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters	
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1. is "NO" go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

V.	TITLE 40 CODE OF FEDERAL REGULATIONS PART 59 (40 CFR PART 59) - NATIONAL VOLATILE ORGANIC COMPOUND EMISSION STANDARDS FOR CONSUMER AND COMMERCIAL PRODUCTS	
A. Subpart B – National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings		
1.	The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2.	The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO", go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3.	All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart C – National Volatile Organic Compound Emission Standards for Consumer Products		
1.	The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2.	The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3.	The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO", go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4.	All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO



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V.	TITLE 40 CODE OF FEDERAL REGULATIONS PART 59 (40 CFR PART 59) - NATIONAL VOLATILE ORGANIC COMPOUND EMISSION STANDARDS FOR CONSUMER AND COMMERCIAL PRODUCTS	
	C. Subpart D – National Volatile Organic Compound Emission Standards for Architectural Coatings	
	1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1 and V.C.2 are both “NO,” go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.400(c)(1) - (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
	D. Subpart F – Control of Evaporative Emissions From New and In-Use Portable Fuel Containers	
	1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.D.1 is “NO,” go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
VI.	TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS)	
	A. Applicability	
◆	1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is “NO,” go to Section VII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants	
	1. The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is “NO,” go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)		
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants (continued)		
2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3. is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4. is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)		
◆ 1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 Is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)		
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals		
1.	The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2.	One or more of the loading racks were constructed or modified after December 17, 1980.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions		
◆ 1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F.</i> <i>For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2.	The affected facilities that were constructed or modified after January 20, 1984.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3.	The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants		
1.	The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2.	Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VI.	TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)	
	G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
	1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area includes stormwater sewer systems.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	7. The application area includes completely closed drain systems.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004	
◆	1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1. is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)		
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004		
◆	3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>Note: If the response to Question VI.H.4. is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5. is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001		
	1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1. is "N/A," go to Section VI.J. If the response to Question VI.I.1. is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A



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VI.	TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) <i>(continued)</i>	
	I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 <i>(continued)</i>	
◆	2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4. is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5. is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VI.	TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)	
	J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006	
◆	1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1. is "N/A," go to Section VII. If the response to Question VI.J.1. is "NO," go to Question VI.J.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4. is "NO," go to Section VII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5. is "NO," go to Question VI.J.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)	
◆	9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials. <input type="checkbox"/> YES <input type="checkbox"/> NO
VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP)	
A. Applicability	
◆	1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride	
	1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)	
◆	1. The application area includes equipment in benzene service. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart L – National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants	
	1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHA) (continued)	
D. Subpart L – National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants (continued)	
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Subpart M - National Emission Standard for Asbestos	
Applicability	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, .144, .146, 147, .148, or .155. <i>If the response to Question VII.E.1 is "NO," go to Section VII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Roadway Construction	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Manufacturing Commercial Asbestos	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into nonfriable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
Manufacturing Commercial Asbestos (continued)	
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Asbestos Spray Application	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is processed into nonfriable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
Asbestos Spray Application (continued)	
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Fabricating Commercial Asbestos	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into nonfriable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals	<input type="checkbox"/> YES <input type="checkbox"/> NO
Non-sprayed Asbestos Insulation	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
Asbestos Conversion	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart FF - National Emission Standard for Benzene Waste Operations	
Applicability	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Applicability (continued)	
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagrams per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES", go to Section VIII</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Waste Stream Exemptions (continued)	
11. The application area transfers waste off-site for treatment by another facility.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13. is "NO," go to Question VII.H.15.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES," go to Question VII.H.18.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Individual Drain Systems (continued)	
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES," go to Question VII.H.25.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO," go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Remediation Activities	
25. Remediation activities take place at the application area subject to NESHAP FF.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that includes chemical manufacturing process units that use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Question VIII.B.1, .B.2, or .B.3 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes chemical manufacturing process units that use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES) <i>(continued)</i>	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater	
Applicability	
1. The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes vapor collection systems or closed-vent systems that contain by-pass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
Vapor Collection and Closed Vent Systems	
6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to by-pass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. By-pass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES) <i>(continued)</i>	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater <i>(continued)</i>	
Transfer Racks	
8. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Process Wastewater Streams	
9. The application area includes process wastewater streams. <i>If the response to Question VIII.C.9 is "NO," go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.10 is "NO," go to Question VIII.C.12.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.12 is "NO," go to Question VIII.C.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.14 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams	
15. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.21. is "YES," go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.22. is "NO," go to Question VIII.C.24.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
23. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.C.24 - VIII.C.25 is both "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. <i>If the response to Question VIII.C.24 - VIII.C.25 is both "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
28. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.28 is "NO," go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Drains (continued)	
29. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
32. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.32 is "NO," go to Question VIII.C.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Drains (continued)	
35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(1)(1) or (1)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Gas Streams	
36. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "YES," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.6 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Emissions screening factor greater than or equal to 0.5, but less than 1.0 ($0.5 \leq ET \text{ or } EP < 1.0$). <i>If the response to Question VIII.G.7 is "YES", go to Section VIII.H</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.8 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
9. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.9 is "NO", go to Section VIII.H</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry	
1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry (continued)	
6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins <i>(continued)</i>	
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.J.5. is "YES," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.J.6. is "NO," go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins <i>(continued)</i>	
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12. is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Drains (continued)	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	
Applicability	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. All petroleum refining process units and/or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO", go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area is located at a plant site receiving material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is "YES," go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations <i>(continued)</i>	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the offsite material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart HH - National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities. <i>For GOP applications, go to Section VIII.Y</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations (continued)	
2. The application area meets the definition of an “incidental wood manufacturer” as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
U. Subpart PP - National Emission Standards for Containers	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is “NO,” go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Subpart RR - National Emission Standards for Individual Drain Systems	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the response to Questions VIII.W.1. and VIII.W.2. are both "NO," go to Question VIII.W.20</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.W.6. is "NO," go to Question VIII.W.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.W.8. and W.9. are both "NO," go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12. is "NO," go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15. is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16. Is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the response to Questions VIII.W.20. and VIII.W.21. are both "NO" or "N/A," go to Question VIII.W.53.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22. is "NO," go to Question VIII.W.53.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23. is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24. is "NO," go to Question VIII.W.54</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1,3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28. is "NO," go to Question VIII.W.33</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If a response to Question VIII.W.32. is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33. is "NO," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44. is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47. is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51. is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1. is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3. is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4. is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins <i>(continued)</i>	
5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.X.8. is "YES," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.X.9. is "NO," go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.X.11. - VIII.X.12. are both "NO," go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins <i>(continued)</i>	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15. is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. <i>If the response to Question VIII.X.18. is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins <i>(continued)</i>	
Drains <i>(continued)</i>	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19. is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.AA.7. is "YES," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8. is "NO," go to Question VIII.AA.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.AA.10. and VIII.AA.11. are both "NO," go to Question VIII.AA.13.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.14. is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.17. is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
<p>18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.18 is "NO," go to Section VIII.BB.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flowrate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>20. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flowrate is greater than or equal to 1 liter per minute.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question .CC.1. is "NO," go to Section VIII.DD.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question .CC.2. is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.5 is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)	
8. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
DD. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question DD.1. is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.DD.4. is "NO," go to Question VIII.DD.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.DD.6. is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
DD. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)	
7. The bulk gasoline terminal has a throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.DD.7. is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.DD.9. is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, or tribal rule or permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
EE. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities	
1. The application area is located at a site that is an area source of hazardous air pollutants. <i>Note: If the answer to Question EE.1. is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>Note: If the answer to Question VIII.EE.2. is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)		
EE. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities		
3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The application area includes at least one gasoline dispensing facility with a monthly throughput greater than 10,000 gallons, but less than 100,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The application area includes at least one gasoline dispensing facility with a monthly throughput of 100,000 gallons or more.	<input type="checkbox"/> YES <input type="checkbox"/> NO
FF. Recently Promulgated 40 CFR Part 63 Subparts		
◆ 1.	The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.EE.1. is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
Subpart ZZZZ		
IX. TITLE 40 CODE OF FEDERAL REGULATIONS PART 68 (40 CFR PART 68) - CHEMICAL ACCIDENT PREVENTION PROVISIONS		
A. Applicability		
◆ 1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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X. TITLE 40 CODE OF FEDERAL REGULATIONS PART 82 (40 CFR PART 82) - PROTECTION OF STRATOSPHERIC OZONE		
A. Subpart A - Production and Consumption Controls		
◆	1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners		
◆	1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances		
◆	1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement		
◆	1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances		
◆	1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A



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X.	TITLE 40 CODE OF FEDERAL REGULATIONS PART 82 (40 CFR PART 82) - PROTECTION OF STRATOSPHERIC OZONE <i>(continued)</i>	
F. Subpart F - Recycling and Emissions Reduction <i>(continued)</i>		
◆	1. Servicing, maintenance, and/or repair on refrigeration and nonmotor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program		
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO", go to Section X.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H -Halon Emissions Reduction		
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
XI. MISCELLANEOUS		
A. Requirements Reference Tables (RRT) and Flowcharts		
	1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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XI. MISCELLANEOUS (continued)	
B. Forms	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i> </div> <div style="width: 25%;"> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
◆	2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter and Division designation for the State regulation(s) in the space provided below. <div style="text-align: center;"> Part 60 Subpart IIII Part 63 Subpart ZZZZ Part 63 Subpart DDDDD Chapter 115, Subchapter H, Division 1 </div>
C. Emission Limitation Certifications	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> 1. The application area includes units for which federally enforceable emission limitations have been established by certification. </div> <div style="width: 25%;"> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> 1. The application area is located at a site that is subject to a site specific requirement of the state implementation plan (SIP). </div> <div style="width: 25%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> 2. The application area includes units located at the site that are subject to a site specific requirement of the SIP. </div> <div style="width: 25%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> 3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. </div> <div style="width: 25%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
E. Title IV - Acid Rain Program	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> 1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program. </div> <div style="width: 25%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> 2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7. </div> <div style="width: 25%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> 3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8. </div> <div style="width: 25%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>



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XI. MISCELLANEOUS (continued)	
F. Clean Air Interstate Rule (CAIR NO_x and CAIR SO₂ Permit)	
1. The application area includes emission units subject to the requirements of the Clean Air Interstate Rule. <i>If the response to Question XI.F.1. is "NO," go to Section XI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the retired unit exemptions under 40 CFR §§ 96.105 and 96.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Permit Shield (SOP Applicants Only)	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
H. GOP Type (Complete this section for GOP applications only)	
◆ 1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, and Waller Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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Area Name: Valero Houston Refinery		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. MISCELLANEOUS (continued)		
H. GOP Type (Complete this section for GOP applications only) (continued)		
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, and Waller County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under 517 Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.I.1. is "NO," go to question XI.I.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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For SOP applications, answer ALL questions unless otherwise directed.

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XI. MISCELLANEOUS (continued)		
I. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	☒ YES ☐ NO
J. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting or has previously submitted at least one periodic monitoring proposal described on Form OP-MON.	☒ YES ☐ NO
K. Compliance Assurance Monitoring		
◆	1. The application area includes at least one unit with a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.K.1. is "NO," go to Section XII.</i>	☒ YES ☐ NO
◆	2. The unit or units defined by XI.K.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.K.2. is "NO," go to Section XII.</i>	☒ YES ☐ NO
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☒ YES ☐ NO
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the response to Questions XI.K.3. and XI.K.4. are both "NO," go to Section XII.A.</i>	☐ YES ☒ NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	☐ YES ☒ NO



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For SOP applications, answer ALL questions unless otherwise directed.

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XI. MISCELLANEOUS (continued)		
K. Compliance Assurance Monitoring (continued)		
6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.		
◆	7. At least one unit defined by XI.K.1. and XI.K.2. is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All units defined by XI.K.1. and XI.K.2. are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.K.8. is "YES," go to Section XII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The CAM proposal as described by question XI.K.3.or XI.K.4. addresses particulate matter or opacity.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The CAM proposal as described by question XI.K.3.or XI.K.4. addresses VOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. The control device in the CAM proposal as described by question XI.K.3.or XI.K.4. has a bypass.	<input type="checkbox"/> YES <input type="checkbox"/> NO
XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1. is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Air Quality Standard Permits		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H, and answer XII.B.2 - B.13 as appropriate.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS <i>(continued)</i>		
B. Air Quality Standard Permits		
◆	2. The application area includes at least one "Pollution Control Project" Air Quality Standard Permit NSR authorization.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one "Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	4. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	6. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	7. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	8. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	9. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	10. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.10 is "NO," go to Question XII.B.13.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	11. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	12. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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For SOP applications, answer ALL questions unless otherwise directed.

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XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS (continued)		
B. Air Quality Standard Permits (continued)		
◆	13. The application area includes at least one “Boiler” Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	14. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	15. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Flexible Permits		
◆	1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Multiple Plant Permits		
	1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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For SOP applications, answer ALL questions unless otherwise directed.

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XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS (Attach additional sheets if necessary for sections E-J)							
◆ E. PSD Permits and PSD Major Pollutants							
PSD Permit No.: PSDTX604	Issuance Date: 06/10/92	Pollutant(s)	CO	PM			
PSD Permit No.:	Issuance Date:	Pollutant(s)					
PSD Permit No.:	Issuance Date:	Pollutant(s)					
PSD Permit No.:	Issuance Date:	Pollutant(s)					
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</i>							
◆ F. Nonattainment (NA) Permits and NA Major Pollutants							
NA Permit No.:	Issuance Date:	Pollutant(s)					
NA Permit No.:	Issuance Date:	Pollutant(s)					
NA Permit No.:	Issuance Date:	Pollutant(s)					
NA Permit No.:	Issuance Date:	Pollutant(s)					
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</i>							
◆ G. NSR Authorizations with FCAA § 112(g) Requirements							
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:				
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:				
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:				
◆ H Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area.							
Authorization No.: 19294	Issuance Date: 08/22/89	Authorization No.: 19637	Issuance Date: 10/23/89				
Authorization No.: 2498A	Issuance Date: 06/05/89	Authorization No.: 2501A	Issuance Date: 04/03/86				
Authorization No.: 2507A	Issuance Date: 03/23/89	Authorization No.: 71281	Issuance Date: 12/09/04				
Authorization No.: 48982	Issuance Date: 11/20/03	Authorization No.: 83749	Issuance Date: 01/28/2008				
Authorization No.: 86142	Issuance Date: 10/09/08	Authorization No.: 94434	Issuance Date: 01/26/2011				

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For SOP applications, answer ALL questions unless otherwise directed.

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XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS (Attach additional sheets if necessary for sections E-J)			
◆ H Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area.			
Authorization No.: 88508	Issuance Date: 06/02/09	Authorization No.: 101541	Issuance Date: 04/12/2012
Authorization No.: 50232	Issuance Date: 03/05/04	Authorization No.: 80493	Issuance Date: 06/25/2012



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Area Name: Valero Houston Refinery		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 006	Version No./Date: 08/11/1989
PBR No.: 053	Version No./Date: 10/04/1995
PBR No.: 079	Version No./Date: 05/12/1981
PBR No.: 086	Version No./Date: 08/30/1988
PBR No.: 086	Version No./Date: 08/11/1989
PBR No.: 086	Version No./Date: 04/05/1995
PBR No.: 086	Version No./Date: 06/07/1996
PBR No.: 118	Version No./Date: 08/16/1993
PBR No.: 111	Version No./Date: 08/11/1989
PBR No.: 111	Version No./Date: 06/07/1996
PBR No.: 106.261	Version No./Date: 12/ 24/1998
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 12/24/1998
PBR No.: 106.264	Version No./Date: 03/14/1997
PBR No.: 106.264	Version No./Date: 09/04/2000
PBR No.: 106.412	Version No./Date: 03/14/1997
PBR No.: 106.454	Version No./Date: 03/14/1997
PBR No.: 106.454	Version No./Date: 07/08/1998
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.: 106.473	Version No./Date: 03/14/1997
PBR No.: 106.478	Version No./Date: 03/14/1997
PBR No.: 106.478	Version No./Date: 09/04/2000

PBR No.: 106.433	Version No./Date: 09/04/2000
PBR No.: 106.512	Version No./Date: 09/04/2000
PBR No.: 106.492	Version No./Date: 09/04/2000
PBR No.: 106.533	Version No./Date: 07/04/2004
PBR No.: 106.511	Version No./Date: 09/04/2000
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Permit No.:
Permit No.:	Permit No.:
Permit No.:	Permit No.:
Permit No.:	Permit No.:



Texas Commission on Environmental Quality
Form OP-REQ2
Negative Applicable Requirement Determinations
Federal Operating Permit Program

Date:	11/12/12	Regulated Entity No.:	RN100219310	Permit No.: O1381
Company Name:	Valero Refining - Texas, L.P.	Area Name:	Valero Houston Refinery	

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applicable Form			
D	1	45FB6360	OP-SUMR	NSPS Kb	§ 60.110b(a)	Tank capacity is less than 75 cubic meters (19,813 gallons).
D	1	45FB6360	OP-UA3	Chapter 115	§ 115.117(a)(1)	Tank true vapor pressure (TVP) is less than 1.5 psia and not an external floating roof tank.
A	4	45FB6001	OP-UA3	MACT CC	§ 63.640 (n)(1)	NSPS Kb supersedes MACT CC for Group 1 and Group 2 tanks at existing units.
A	5	45FB6002	OP-UA3	MACT CC	§ 63.640 (n)(1)	NSPS Kb supersedes MACT CC for Group 1 and Group 2 tanks at existing units.
A	6	46FB6301	OP-UA3	MACT CC	§ 63.640(a)(2)	Storage tank does not contain or contact one or more HAPs listed in Table 1 of 40 CFR Part 63, Subpart CC.
A	8	90DOCK1	OP-SUMR	MACT Y	§ 63.560(a)(2)	Loading dock is part of an existing source that has annual HAP emissions less than 10 or 25 tons.
A	8	90DOCK1	OP-SUMR	MACT CC	§ 63.651(a) § 63.560(a)(2)	Loading dock is part of an existing source that has annual HAP emissions less than 10 or 25 tons.
A	9	22FB747	OP-REQ2	NSPS Kb	§ 60.110b(a)	Storage tank does not store VOL.
A	9	22FB747	OP-UA3	MACT CC	§ 63.640(a)(2)	Storage tank does not contain or contact one or more HAPs listed in Table 1 of 40 CFR Part 63, Subpart CC.
A	9	22FB747	OP-UA3	Chapter 115	§ 115.112(a)(1)	Storage tank does not store VOC.



Texas Commission on Environmental Quality
Form OP-REQ2
Negative Applicable Requirement Determinations
Federal Operating Permit Program

Date:	11/12/12	Regulated Entity No.:	RN100219310	Permit No.: O1381
Company Name:	Valero Refining - Texas, L.P.	Area Name:	Valero Houston Refinery	

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applicable Form			
A	10	22FB749	OP-UA3	NSPS Kb	§ 60.110b(b)	Tank capacity is greater than or equal to 151 cubic meters and tank is storing a liquid with a maximum true vapor pressure less than 3.5 kPa.
A	10	22FB749	OP-UA3	Chapter 115	§ 115.112(a)(1)	Storage tank stores compounds with a vapor pressure less than 1.5 psia.
A	10	22FB749	OP-UA3	MACT CC	§ 63.640 (n)(1)	NSPS Kb supersedes MACT CC for Group 1 and Group 2 tanks at existing units.
D	10	22FB749	OP-UA3	NSPS Kb	§ 60.110b(a)	Tank does not store VOL.
D	10	22FB749	OP-UA3	Chapter 115	§ 115.112(a)(1)	Tank does not store VOC.
D	17	47FB321	OP-UA3	NSPS Ka	§ 60.110a(a)	capacity < 40,000 gallons
D	18	47FB323	OP-UA3	NSPS Kb	§ 60.110b(a)	Tank capacity is less than 20,000 gallons.
A	59	39FB1001	OP-UA3	Chapter 115	§ 115.112(a)(1)	Storage tank does not store VOC.
A	61	GRP-PRV	OP-UA15	Chapter 115	§ 115.727(c)(3)(B)	Equipment is HRVOC PRVs on pressure tanks that maintains working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere.
D	23	30FL6	OP-UA7	MACT CC	§ 63.1	The flare is not required under 40 CFR 63, Subpart A.



Texas Commission on Environmental Quality
Form OP-REQ2
Negative Applicable Requirement Determinations
Federal Operating Permit Program

Date:	11/12/12	Regulated Entity No.:	RN100219310	Permit No.: O1381
Company Name:	Valero Refining - Texas, L.P.	Area Name:	Valero Houston Refinery	

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applicable Form			
A	22	30FL1	OP-UA50	NSPS J	§ 60.104(a)(1)	The flare is exempt from NSPS Subpart J requirements because it was modified after June 24, 2008.
A	23	30FL6	OP-UA50	NSPS J	§ 60.104(a)(1)	The flare is exempt from NSPS Subpart J requirements because it was modified after June 24, 2008.
D	33	44BA3002	OP-UA7	NSPS Db	§ 60.40b(a)	Not subject to NSPS Db since it was built prior to 6/19/84.
A	36	22SKD4201	OP-REQ2	NSPS	§ 60.1	Equipment is a scrubber that controls SO2 emissions from spent acid and fresh acid tanks. Equipment is not subject to NSPS requirements.
A	36	22SKD4201	OP-REQ2	MACT	§ 63.1	Equipment is a scrubber that controls SO2 emissions from spent acid and fresh acid tanks. Equipment is not subject to MACT requirements.
A	37	22EG400	OP-REQ2	NSPS	§ 60.1	Equipment is a scrubber that controls SO2 emissions from spent acid loading operations. Equipment is not subject to NSPS requirements.
A	37	22EG400	OP-REQ2	MACT	§ 63.1	Equipment is a scrubber that controls SO2 emissions from spent acid loading operations. Equipment is not subject to MACT requirements.
D	38	GRP-TK4	OP-REQ2	Chapter 115	§ 115.112(a)(1)	Tank less than 1,000 gallons
A	38	GRP-TK4	OP-UA3	Chapter 115	§ 115.112(a)(1)	Storage tank stores compounds with a vapor pressure less than 1.5 psia.
A	46	GRP-VENTLUBE	OP-UA15	MACT CC	§ 63.641	Does not meet the definition of a miscellaneous process vent because it is an episodic or non routine release.



Texas Commission on Environmental Quality
Form OP-REQ2
Negative Applicable Requirement Determinations
Federal Operating Permit Program

Date:	11/12/12	Regulated Entity No.:	RN100219310	Permit No.: O1381
Company Name:	Valero Refining - Texas, L.P.	Area Name:	Valero Houston Refinery	

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applicable Form			
A	50	47AD5401	OP-REQ2	NSPS QQQ	§ 60.690	The equipment is not an individual drain system, an oil-water separator, or part of an aggregate facility.
A	51	47AD5402	OP-REQ2	NSPS QQQ	§ 60.690	The equipment is not an individual drain system, an oil-water separator, or part of an aggregate facility.
A	52	47AD5405	OP-REQ2	NSPS QQQ	§ 60.690	The equipment is not an individual drain system, an oil-water separator, or part of an aggregate facility.
A	53	47AD5407	OP-REQ2	NSPS QQQ	§ 60.690	The equipment is not an individual drain system, an oil-water separator, or part of an aggregate facility.
A	54	47AD5409	OP-REQ2	NSPS QQQ	§ 60.690	The equipment is not an individual drain system, an oil-water separator, or part of an aggregate facility.
A	49	47FA5	OP-REQ2	NSPS QQQ	§ 60.690	The equipment is not an individual drain system, an oil-water separator, or part of an aggregate facility.
A	59	39FB1001	OP-REQ2	NSPS Kb	§ 60.110b(a)	Storage tank does not store VOL.
A	59	39FB1001	OP-UA3	MACT CC	§ 63.640(a)(2)	Storage tank does not contain or contact one or more HAPs listed in Table 1 of 40 CFR Part 63, Subpart CC.



**Storage Tank/Vessel Attributes
Form OP-UA3 (Page 3)
Federal Operating Permit Program**

**Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels)**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Customer Reference No.: CN600127468

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	Maximum TVP	Storage Vessel Description	AMEL ID No.	Reid Vapor Pressure	Control Device ID No.
45FB6001	60Kb-1	VOL	10K-					
45FB6002	60Kb-1	VOL	10K-					
46FB6301	60Kb-1	VOL	10K-20K					
22FB747	60Kb-0	OTHER3						
22FB749	60Kb-2	VOL	40K+	0.5-				
47FB321	60Kb-9	VOL	20K-40K	2.2-4.0	NONE3			
47FB323	60Kb-9	VOL	20K-40K	2.2-4.0	NONE3			



**Storage Tank/Vessel Attributes
Form OP-UA3 (Page 4)
Federal Operating Permit Program**

**Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Customer Reference No.: CN600127468

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
45FB6001	R5112-1	NO		VOC1	A1K-25K			
45FB6002	R5112-1	NO		VOC1	A1K-25K			
46FB6301	R5112-1	NO		VOC1	A1K-25K			
22FB747	R5112-0	NO		OTHER1				
22FB749	R5112-2	NO		VOC1	A40K+			
47FB321	R5112-8	NO		VOC1	A1K-25K			
47FB323	R5112-8	NO		VOC1	A1K-25K			



**Storage Tank/Vessel Attributes
Form OP-UA3 (Page 5)
Federal Operating Permit Program**

**Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Customer Reference No.: CN600127468

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
45FB6001	R5112-1		NONE1	1-				
45FB6002	R5112-1		NONE1	1-				
46FB6301	R5112-1		NONE1	1-				
22FB749	R5112-2		NONE1	1-				
47FB321	R5112-8		SFP1	1.5+A				
47FB323	R5112-8		SFP1	1.5+A				



**Storage Tank/Vessel Attributes
Form OP-UA3 (Page 15)
Federal Operating Permit Program**

**Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Customer Reference No.: CN600127468

Unit ID No.	SOP Index No.	Specified in 40 CFR § 63.640(g) (1) - (6)	Subject to 40 CFR Part 63, Subparts F, G, H, or I	Existing Kb Source	Group 1 Storage Vessel	Applicability	Storage Vessel Description	Reid Vapor Pressure	Estimated TVP
47FB321	63CC-6	NO	NO	YES	NO	KB			
47FB323	63CC-6	NO	NO	YES	NO	KB			



Storage Tank/Vessel Attributes

Form OP-UA3 (Page 16)
Federal Operating Permit Program

Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Customer Reference No.: CN600127468

Unit ID No.	SOP Index No.	Product Stored	Storage Capacity	Maximum TVP	Storage Vessel Description	Reid Vapor Pressure	Estimated Maximum TVP
47FB321	63CC-6	VOL	20K-40K	4.0-	NOFR		
47FB323	63CC-6	VOL	20K-40K	4.0-	NOFR		



**Loading/Unloading Operations Attributes
Form OP-UA4 (Page 1)
Federal Operating Permit Program**

**Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Customer Reference No.: CN600127468

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Throughput	Control Options
90DOCK1	REGV-LOAD1	MARINE	NONE		GAS1	BOTH	0.5+	NCE3	CON
90DOCK1	REGV-LOAD2	MARINE	NONE		VOC1	BOTH	0.5+	NCE3	CON
90DOCK1	REGV-LOAD3	MARINE	NONE		VOC1	BOTH	0.5-		
90DOCK1	REGV-LOAD4	MARINE	NONE		LPG1	BOTH			



**Loading/Unloading Operations Attributes
Form OP-UA4 (Page 2)
Federal Operating Permit Program**

**Table 1b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Customer Reference No.: CN600127468

Unit ID No.	SOP Index No.	Chapter 115 Control Device Type	Chapter 115 Control Device ID No.	Vapor- Tight	Vapor Space Holding Tank	Marine Terminal Exemptions	VOC Flash Point	Uncontrolled VOC Emissions
90DOCK1	REGV-LOAD1	COMB	90CB5601	NO		NO		
90DOCK1	REGV-LOAD2	COMB	90CB5601	NO		NO		



**Loading/Unloading Operations Attributes
Form OP-UA4 (Page 5)
Federal Operating Permit Program**

**Table 4a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart Y: National Emission Standards for Marine Vessel Loading Operations**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Customer Reference No.: CN600127468

Unit ID No.	SOP Index No.	Subpart Y Facility Type	Ballasting Operations	Vapor Pressure	Subpart BB Applicability	Material Loaded	HAP Impurities Only	Source Emissions	Throughput
90DOCK1	MACTY-LOAD1	EXON	NO	10+	NO	GAS	NO	1025-	10200+
90DOCK1	MACTY-LOAD2	EXON	NO	10+	NO	OTHER	NO	1025-	10200+
90DOCK1	MACTY-LOAD3	EXON	NO	10-					



**Loading/Unloading Operations Attributes
Form OP-UA4 (Page 6)
Federal Operating Permit Program**

**Table 4b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart Y: National Emission Standards for Marine Vessel Loading Operations**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Customer Reference No.: CN600127468

Unit ID No.	SOP Index No.	CEMS	Vapor Balancing System	Documenting Vapor Tightness	Subpart Y Control Device Type	Subpart Y Control Device ID No.	Performance Test	Alternate Monitoring	Alternate Test Procedure	Vent Stream By-Pass	By-Pass Flow Indicator
90DOCK1	MACTY- LOAD1	NO	NO	NO							
90DOCK1	MACTY- LOAD2	NO	NO	NO							



**Loading/Unloading Operations Attributes
Form OP-UA4 (Page 8)
Federal Operating Permit Program**

**Table 6: Title 40 Code of Federal Regulations Part 63(40 CFR Part 63)
Subpart CC: National Emission Standard for Hazardous Air Pollutants from Petroleum Refineries**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		Customer Reference No.: CN600127468

Unit ID No.	SOP Index No.	Specified in 40 CFR § 63.640(g)(1) - (6)	Subject to 40 CFR Part 63, Subparts F, G, H, or I	Unit Type	Vapor Processing System Type	Control Device ID No.	Alternative ID No.
90DOCK1	MACTCC-LOAD1	NO	NO	MARINE			



Texas Commission on Environmental Quality
Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 6)
Federal Operating Permit Program

Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Houston Refinery		

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Heat Input Capacity	Subpart Da	Changes to Existing Affected Facility	Subpart Ea, Eb, or AAAA	Subpart KKKK	Subpart Cb or BBBB
81BF01	60Db-1	05+CR	250+	NO	NO	NO	NO	NO
50BF02	60Db-1	05+CR	250+	NO	NO	NO	NO	NO
50BF03	60Db-1	05+CR	250+	NO	NO	NO	NO	NO



Texas Commission on Environmental Quality
Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 7)
Federal Operating Permit Program

Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Houston Refinery		

Unit ID No.	SOP/GOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Subpart D	Subpart J	Subpart E	ACF Option		
								SO ₂	PM	NO _x
81BF01	60Db-1	NSNFF				YES		OTHR	OTHR	OTHR
50BF02	60Db-1	NSNFF				YES		OTHR	OTHR	OTHR
50BF03	60Db-1	NSNFF				YES		OTHR	OTHR	OTHR



**Texas Commission on Environmental Quality
Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 8)
Federal Operating Permit Program**

**Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Houston Refinery		

Unit ID No.	SOP Index No.	60.42b(k)(2) Low Sulfur Exemption	60.42b(k)(4) Alternative	Post-combustion Control	60.43b(h)(2) Alternative	Electrical or Mechanical Output	Output Based Limit	Steam with Electricity	Electricity Only	60.49Da(n) Alternative	60.49Da(m) Alternative
81BF01	60Db-1	NO	NO			NO				NO	NO
50BF02	60Db-1	NO	NO			NO				NO	NO
50BF03	60Db-1	NO	NO			NO				NO	NO



**Texas Commission on Environmental Quality
Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 9)
Federal Operating Permit Program**

**Table 3d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Houston Refinery		

Unit ID No.	SOP Index No.	Residual Oil Sampling	Monitoring Type				Technology Type	Unit Type	Heat Release Rate	Heat Input Gas/Oil	Heat Input Wood	Fuel Heat Input
			PM	Opacity	NO _x	SO ₂						
81BF01	60Db-1		NONE	CCEM	CEM	ASFRD	CONV	OTHER				
50BF02	60Db-1		NONE	CCEM	CEM	ASFRD	CONV	OTHER				
50BF03	60Db-1		NONE	CCEM	CEM	ASFRD	CONV	OTHER				



**Texas Commission on Environmental Quality
Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 10)
Federal Operating Permit Program**

**Table 3e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Houston Refinery		

Unit ID No.	SOP Index No.	Alternate Emission Limit (AEL)	AEL ID. No.	Facility Type	Monitoring Device	Common Fuel Source
81BF01	60Db-1			YES	YES	YES
50BF02	60Db-1			YES	YES	YES
50BF03	60Db-1			YES	YES	YES



**Texas Commission on Environmental Quality
Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 11)
Federal Operating Permit Program**

**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Houston Refinery		

Unit ID No.	SOP Index No.	Construction/ Modification Date	Maximum Design Heat Input Capacity	Other Subparts	Heat Input Capacity	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option		30% Coal Duct Burner
									SO2	PM	
44BA3002	60Dc-1	89-05	10-100	NONE	30-75	OTHER			OTHR	OTHR	NO



**Texas Commission on Environmental Quality
Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 12)
Federal Operating Permit Program**

**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Houston Refinery		

Unit ID No.	SOP Index No.	Monitoring Type			Technology Type	43CE-Option	47C-Option
		PM	SO2 Inlet	SO2 Outlet			
44BA3002	60Dc-1	NONE	ASFRD	NONE	CONV		



**Flare Attributes
Form OP-UA7 (Page 1)
Federal Operating Permit Program**

**Table 1: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Control of Air Pollution from Visible Emissions and Particulate Matter**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit ID No.	SOP/GOP Index No.	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
30FL1	R111-1	NO	NO	NO		72+
30FL6	R111-1	NO	NO	NO		72+



Flare Attributes
Form OP-UA7 (Page 3)
Federal Operating Permit Program

Table 3: Title 40 Code of Federal Regulations Part 60 and 61 (40 CFR Part 60 and 40 CFR Part 61)

Subpart A: General Provisions of Standards of Performance for New Stationary Sources and National Emission Standards for Hazardous Air Pollutants

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit ID No.	SOP/GOP Index No.	Subject To 40 CFR §60.18	Adhering To Heat Content Specifications	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
30FL1	60Ja-1	YES	YES	STEAM	60-	
30FL2	60Ja-1	YES	YES	STEAM	60-	



**Flare Attributes
Form OP-UA7 (Page 4)
Federal Operating Permit Program**

**Table 4: Title 40 Code of Federal Regulations Part 63
Subpart A: General Provisions of National Emission Standards for Hazardous Air Pollutants for Source Categories**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit ID No.	SOP/GOP Index No.	Required Under 40 CFR Part 63	Heat Content Specification	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
30FL1	63CC-0	YES	YES	STEAM	60-	1000-
30FL6	63CC-0	YES	YES	STEAM	60-	1000-



**Flare Attributes
Form OP-UA7 (Page 5)
Federal Operating Permit Program**

**Table 5a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit ID No.	SOP Index No.	Out of Service	Total Gas Stream	Gas Stream Concentration	Exempt Date	Alternative Monitoring (AM)	AM ID No.	Minor Modification	Minor Modification ID No.	Flare Type
30FL1	R5720-1	NO	YES	YES		NO		NO		ABMSS
30FL6	R5720-1	NO	YES	YES		NO		NO		ABMSS



**Flare Attributes
Form OP-UA7 (Page 6)
Federal Operating Permit Program**

**Table 5b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit ID No.	SOP Index No.	Monitoring Requirements	§115.725(e) Requirements	Multi-Purpose Usage	Flow Rate	Physical Seal	Monitoring Option	§115.725(h)(4) Alternative	Tank Service
30FL1	R5720-1	NO			NO				
30FL6	R5720-1	NO			NO				



**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 1)
Federal Operating Permit Program**

**Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A: Visible Emissions**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Houston Refinery		Customer Reference No.: CN600127468

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
46CB6301	R1111-0	NO		OTHER	NONE	72+	100-
39CB2001	R1111-0	NO		OTHER	NONE	72+	100-
81BF01	R1111-0	NO		OTHER	NONE	72+	100-
50BF02	R1111-0	NO		OTHER	NONE	72+	100-
50BF03	R1111-0	NO		OTHER	NONE	72+	100-
GRP-HEATER	R1111-0	NO		OTHER	NONE	72+	100-



Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 2)
Federal Operating Permit Program

Table 1b: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A: Visible Emissions

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Houston Refinery		Customer Reference No.: CN600127468

Emission Point ID No.	SOP Index No.	Annual ACF	Heat Input	State Implementation Plan (SIP) Violation	Total Feed Capacity
46CB6301	R1111-0				
39CB2001	R1111-0				
81BF01	R1111-0				
50BF02	R1111-0				
50BF03	R1111-0				
39CB2001	R1111-0				
GRP-HEATER	R1111-0				



**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)
Federal Operating Permit Program**

**Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Houston Refinery		Customer Reference No.: CN600127468

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
GRP- VENTLUBE	R5127-1	NO	NO	REGVAPPL		100-	612+	YES
GRP-PRV	R5127-1	NO	NO	REGVAPPL		100-	612+	YES



**Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas
Combustion Device/Claus Sulfur Recovery Plant Attributes
Form OP-UA50 (Page 1)
Federal Operating Permit Program**

**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart J: Standards of Performance for Petroleum Refineries**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit Id. No.	SOP Index No.	Facility Type	Construction/ Modification Date	Discharged Gases	Contact Material	Sulfur Content	Add-on Control Device	Sulfur Dioxide Emissions
30FL1	60Ja-1	FLARE	08+					
30FL6	60Ja-1	FLARE	08+					
46AD6206	60JSP-1B	SRU20+	76-07					
46AD6206	60JSP-1C	SRU20+	76-07					
46LO6201	60JSP-1B	SRU20+	76-07					
46LO6201	60JSP-1C	SRU20+	76-07					
39FA1006	60JSP-1B	SRU20+	76-07					
39FA1006	60JSP-1C	SRU20+	76-07					
39FB1001	60JSP-1B	SRU20+	76-07					
39FB1001	60JSP-1C	SRU20+	76-07					



**Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas
Combustion Device/Claus Sulfur Recovery Plant Attributes
Form OP-UA50 (Page 1)
Federal Operating Permit Program**

**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart J: Standards of Performance for Petroleum Refineries**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit Id. No.	SOP Index No.	Facility Type	Construction/ Modification Date	Discharged Gases	Contact Material	Sulfur Content	Add-on Control Device	Sulfur Dioxide Emissions
39LO1001	60JSP-1B	SRU20+	76-07					
39LO1001	60JSP-1C	SRU20+	76-07					
91CB915	60J-4	FUELOW	73-07					
81SKD5602	60Ja-2	FUELOW	07+					
81SKD5603	60Ja-2	FUELOW	07+					



**Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas
Combustion Device/Claus Sulfur Recovery Plant Attributes
Form OP-UA50 (Page 2)
Federal Operating Permit Program**

**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart J: Standards of Performance for Petroleum Refineries**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit Id. No.	SOP Index No.	Monitoring Device	Control System	Control Monitoring System	Control Device Id. No.
46AD6206	60JSP-1B		Yes		46CB6301
46AD6206	60JSP-1C		Yes		39CB2001
46LO6201	60JSP-1B		Yes		46CB6301
46LO6201	60JSP-1C		Yes		39CB2001
39FA1006	60JSP-1B		Yes		46CB6301
39FA1006	60JSP-1C		Yes		39CB2001
39FB1001	60JSP-1B		Yes		46CB6301
39FB1001	60JSP-1C		Yes		39CB2001
39LO1001	60JSP-1B		Yes		46CB6301
39LO1001	60JSP-1C		Yes		39CB2001



**FCCU, FCU, Delayed Coking Units, Fuel Gas
Combustion Devices (including Flares and Process Heaters), and Sulfur Recovery Plants
Form OP-UA50 (Page 3)
Federal Operating Permit Program**

**Table 2a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Ja: Standards of Performance for Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after May 14, 2007**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit Id. No.	SOP Index No.	Facility Type	Heater Capacity	Low-NO _x	Construction/ Modification Date	Newly Constructed	PM Emission Limit
30FL1	60Ja-1	FLAREHI			08+		
30FL6	60Ja-1	FLAREHI			08+		
81SKD5602	60Ja-2	FUELOW			08+		
81SKD5603	60Ja-2	FUELOW			08+		



**FCCU, FCU, Delayed Coking Units, Fuel Gas
Combustion Devices (including Flares and Process Heaters), and Sulfur Recovery Plants
Form OP-UA50 (Page 4)
Federal Operating Permit Program**

**Table 2b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Ja: Standards of Performance for Petroleum Refineries for which Construction,
Reconstruction, or Modification Commenced after May 14, 2007**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit Id. No.	SOP Index No.	PM Control	CEMs Exempt	Post Combustion	SULFUR Emission Limit	SRP SO₂ Control
30FL1	60Ja-1				H2S	
30FL6	60Ja-1				H2S	
81SKD5602	60Ja-2					
81SKD5603	60Ja-2					



**FCCU/Catalytic Reforming Unit (CRU)/Sulfur Recovery Unit (SRU) Attributes
Form OP-UA50 (Page 5)
Federal Operating Permit Program**

**Table 3a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart UUU: National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries**

Date: 11/12/2012	Permit No.: O1381	Regulated Entity No.: RN100219310
Area Name: Valero Houston Refinery		

Unit Id. No.	SOP Index No.	CCU PM/Opacity Emission Limitation	CCU PM Control Device	CCU PM Control Device ID No.	CCU PM Control Device Alt ID	CCU PM Monitoring Method	CCU PM Alt Monitoring Id.	Alternate Procedure for Measuring Gas Flow Rate	Multiple CCUs Served by a Single Wet Scrubber
46AD6206	63UUU-1								
46LO6201	63UUU-1								
39FA1006	63UUU-1								
39FB1001	63UUU-1								
39LO1001	63UUU-1								



Form OP-SUMR
Individual Unit Summary for Revisions (Page 1)
Federal Operating Permit Program

Date: 11/12/2012	Account No.: HG-0130-C	RN: RN100219310	Permit No.: O1381
Area Name: Valero Houston Refinery			

Unit						Preconstruction Authorizations	
Unit AI	Revision No.	ID No.	Applicable Form	Name/Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
D	1	45FB6360	OP-SUMR	MDEA Storage Tank		2507A	
A	1	46FB6301	OP-UA3	Solvent Storage Tank		2507A	
A	7	90CB5601	OP-UA4	Marine Loading Dock No. 1 Thermal Oxidizer		106.492/09/04/2000	
D	8	90DOCK1	OP-SUMR	HOUSTON SHIP CHANNEL DOCK #1		106.261/11/01/2003 106.492/09/04/2000	
A	8	90DOCK1	OP-REQ2	Marine Loading Dock No. 1		106.261/11/01/2003 106.262/11/07/2003 106.492/09/04/2000	
A	9	22FB747	OP-UA3	Storage Tank 22FB747		2501A	
	10	22FB749	OP-UA3	Storage Tank 22FB749		88508	
	11	22FB748	OP-SUMR	Storage Tank 22FB748		88508	
	12	30FUG	OP-SUMR	Main Refinery Flare and Flare Gas Recovery Unit Fugitives		83749 106.261/11/01/2003	
	13	44FUG	OP-SUMR	ROSE Fugitives		2498A 106.261/11/01/2003	
	14	47FUG	OP-SUMR	Wastewater Treater Fugitives		48982 106.261/11/01/2003	
D	15	FUG-CC	OP-SUMR	Process Fugitives Subject to MACT CC		2501A	
D	16	FUG-LOWHAP	OP-SUMR	Process Fugitives With Low HAP %		2501A	

TCEQ-10344 - (Revised 04/10) OP-SUMR I

This form is for use by sources subject to air quality permit requirements and may be revised periodically. (APDG-5207v2)



Form OP-SUMR
Individual Unit Summary for Revisions (Page 1)
Federal Operating Permit Program

Date: 11/12/2012	Account No.: HG-0130-C	RN: RN100219310	Permit No.: O1381
Area Name: Valero Houston Refinery			

Unit						Preconstruction Authorizations	
Unit AI	Revision No.	ID No.	Applicable Form	Name/Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
	17	47FB321	OP-UA3	API Separator Recovered Oil Tank		106.478/09/04/2000	
	18	47FB323	OP-UA3	API Separator Recovered Oil Tank		106.478/09/04/2000	
D	19	90FB1001	OP-SUMR	TANK 90FB1001		086/08/11/1989	
D	20	90FB1002	OP-SUMR	TANK 90FB1002		086/08/11/1989	
D	24	90FB214	OP-SUMR	TANK 90FB214		48982	
D	25	90FB229	OP-SUMR	TANK 90FB229		86/08/11/1989	
D	27	90FB208	OP-SUMR	TANK 90FB208		48982	
D	28	91AFUG	OP-SUMR	400-GROUP TANK FARM FUGITIVES		48982 106.261/11/01/2003	
A	36	22SKD4201	OP-REQ2	Acid Vapor Scrubber		88508	
A	37	22EG400	OP-REQ2	Barge Loading Scrubber		101541	
A	39	Tank 281306	OP-SUMR	Tank 281306		106.478/09/04/2000	
	46	GRP-VENTLUBE	OP-UA15	N/A		N/A	
	47	44FB3002	OP-SUMR	ROSE Flush Oil Tank		48982	



Form OP-SUMR
Individual Unit Summary for Revisions (Page 1)
Federal Operating Permit Program

Date: 11/12/2012	Account No.: HG-0130-C	RN: RN100219310	Permit No.: O1381
Area Name: Valero Houston Refinery			

Unit						Preconstruction Authorizations	
Unit AI	Revision No.	ID No.	Applicable Form	Name/Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
A	48	Tank 281308	OP-SUMR	Tank 281308		106.472/09/04/2000	
A	49	47FA5	OP-REQ2	Equalization Tank		48982	
A	50	47AD5401	OP-REQ2	API Separator Diversion Sump		48982	
A	51	47AD5402	OP-REQ2	API Oil Pit		48982	
A	52	47AD5405	OP-REQ2	API Muck Pit		48982	
A	53	47AD5407	OP-REQ2	Lift Station		48982	
A	54	47AD5409	OP-REQ2	DAF Unit		48982	
A	55	46LO6201	OP-UA50	SRU B Sulfur Loading		2507A	
A	56	46AD6206	OP-UA50	SRU B Sulfur Pit		2507A	
A	57	39LO1001	OP-UA50	SRU C Sulfur Loading		2507A	
A	58	39FA1006	OP-UA50	SRU C Sulfur Collection Header		2507A	
A	59	39FB1001	OP-UA50	Sulfur Tank 39FB1001		2507A	



**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date: 11/12/2012	RN: RN100219310	Permit No.: O1381
Area Name: Valero Houston Refinery		

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.	Plant AI	Plant ID No.
39	Tank 281306	OP-SUMR	A	GRP-TK4		
47	44FB3002	OP-SUMR	A	GRP-TK4		
48	Tank 281308	OP-SUMR	A	GRP-TK4		
60	Pressurized Tank 90FB847	OP-UA15	A	GRP-PRV		
61	Pressurized Tank 90FB831	OP-UA15	A	GRP-PRV		
62	Pressurized Tank 90FB832	OP-UA15	A	GRP-PRV		
63	Pressurized Tank 90FB833	OP-UA15	A	GRP-PRV		
64	Pressurized Tank 90FB834	OP-UA15	A	GRP-PRV		
65	Pressurized Tank 90FB835	OP-UA15	A	GRP-PRV		
66	Pressurized Tank 90FB844	OP-UA15	A	GRP-PRV		
67	Pressurized Tank 90FB845	OP-UA15	A	GRP-PRV		



**Texas Commission on Environmental Quality
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Federal Operating Permit Program**

Table 1b: CAM/PM Control Device Additions

EMISSION UNIT			CONTROL DEVICE			
1.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
2.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
3.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
4.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
5.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
6.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
7.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
8.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
9.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
10.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	

Table 1c: CAM/PM Case-By-Case Additions

I. IDENTIFYING INFORMATION
A. Account No.:
B. RN No.:
C. CN:
D. Permit No.:
E. Project No.:
F. Area Name:
G. Company Name:
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION
A. Revision No.:
B. Unit/EPN/Group/Process ID No.:
C. Applicable Form:



**Texas Commission on Environmental Quality
Monitoring Requirements
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Federal Operating Permit Program**

Table 1c: CAM/PM Case-By-Case Additions (*continued*)

III. APPLICABLE REGULATORY REQUIREMENT
A. Name:
B. SOP/GOP Index No.:
C. Pollutant:
D. Main Standard:
E. Monitoring Type:
F. Unit Size:
G. Deviation Limit:
IV. CONTROL DEVICE INFORMATION
A. Device ID No.:
B. Device Type:
V. CAM CASE-BY-CASE
A. Indicator:
B. Minimum Frequency:
C. Averaging Period:
D. QA/QC Procedures:
E. Verification Procedures:
F. Representative Date:
VI. PERIODIC MONITORING CASE-BY-CASE
A. Indicator:
B. Minimum Frequency:
C. Averaging Period:
D. Periodic Monitoring Text:



Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 2)
Federal Operating Permit Program

Table 1b: CAM/PM Control Device Additions

EMISSION UNIT			CONTROL DEVICE		
1.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
2.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
3.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
4.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
5.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
6.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
7.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
8.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
9.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
10.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:

Table 1c: CAM/PM Case-By-Case Additions

I. IDENTIFYING INFORMATION
A. Account No.: HG-0130-C
B. RN No.: RN100219310
C. CN: CN600127468
D. Permit No.: O1381
E. Project No.: TBD
F. Area Name: Valero Houston Refinery
G. Company Name: Valero Refining, Texas, L.P.
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION
A. Revision No.: 40
B. Unit/EPN/Group/Process ID No.: 46CB6301
C. Applicable Form: OP-MON



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Table 1c: CAM/PM Case-By-Case Additions (*continued*)

III. APPLICABLE REGULATORY REQUIREMENT	
A. Name:	30 TAC Chapter 111, Visible Emissions
B. SOP/GOP Index No.:	R5121-1, 63UUU-1
C. Pollutant:	OPACITY
D. Main Standard:	§ 111.111(a)(1)(A)
E. Monitoring Type:	PM
F. Unit Size:	
G. Deviation Limit:	30% Opacity
IV. CONTROL DEVICE INFORMATION	
A. Device ID No.:	46CB6301
B. Device Type:	SRUINC
V. CAM CASE-BY-CASE	
A. Indicator:	
B. Minimum Frequency:	
C. Averaging Period:	
D. QA/QC Procedures:	
E. Verification Procedures:	
F. Representative Date:	
VI. PERIODIC MONITORING CASE-BY-CASE	
A. Indicator:	Visible Emissions
B. Minimum Frequency:	once per quarter
C. Averaging Period:	N/A
D. Periodic Monitoring Text:	<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>



Texas Commission on Environmental Quality
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Table 1b: CAM/PM Control Device Additions

EMISSION UNIT			CONTROL DEVICE			
1.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
2.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
3.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
4.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
5.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
6.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
7.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
8.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
9.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
10.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	

Table 1c: CAM/PM Case-By-Case Additions

I. IDENTIFYING INFORMATION
A. Account No.: HG-0130-C
B. RN No.: RN100219310
C. CN: CN600127468
D. Permit No.: O1381
E. Project No.: TBD
F. Area Name: Valero Houston Refinery
G. Company Name: Valero Refining, Texas, L.P.
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION
A. Revision No.: 41
B. Unit/EPN/Group/Process ID No.: 39CB2001
C. Applicable Form: OP-MON



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Table 1c: CAM/PM Case-By-Case Additions (*continued*)

III. APPLICABLE REGULATORY REQUIREMENT
A. Name: 30 TAC Chapter 111, Visible Emissions
B. SOP/GOP Index No.: 60JTGI-1
C. Pollutant: OPACITY
D. Main Standard: § 111.111(a)(1)(A)
E. Monitoring Type: PM
F. Unit Size:
G. Deviation Limit: 30% Opacity
IV. CONTROL DEVICE INFORMATION
A. Device ID No.: 39CB2001
B. Device Type: SRUINC
V. CAM CASE-BY-CASE
A. Indicator:
B. Minimum Frequency:
C. Averaging Period:
D. QA/QC Procedures:
E. Verification Procedures:
F. Representative Date:
VI. PERIODIC MONITORING CASE-BY-CASE
A. Indicator: Visible Emissions
B. Minimum Frequency: once per quarter
C. Averaging Period: N/A
D. Periodic Monitoring Text:

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.



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Table 1b: CAM/PM Control Device Additions

EMISSION UNIT			CONTROL DEVICE		
1.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
2.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
3.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
4.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
5.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
6.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
7.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
8.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
9.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
10.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:

Table 1c: CAM/PM Case-By-Case Additions

I. IDENTIFYING INFORMATION
A. Account No.: HG-0130-C
B. RN No.: RN100219310
C. CN: CN600127468
D. Permit No.: O1381
E. Project No.: TBD
F. Area Name: Valero Houston Refinery
G. Company Name: Valero Refining, Texas, L.P.
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION
A. Revision No.: 42
B. Unit/EPN/Group/Process ID No.: 81BF01
C. Applicable Form: OP-UA6



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Table 1c: CAM/PM Case-By-Case Additions (*continued*)

III. APPLICABLE REGULATORY REQUIREMENT
A. Name: 30 TAC Chapter 111, Visible Emissions
B. SOP/GOP Index No.: R7300-6
C. Pollutant: OPACITY
D. Main Standard: § 111.111(a)(1)(A)
E. Monitoring Type: PM
F. Unit Size:
G. Deviation Limit: 30% Opacity
IV. CONTROL DEVICE INFORMATION
A. Device ID No.: 81BF01
B. Device Type: BOIL2
V. CAM CASE-BY-CASE
A. Indicator:
B. Minimum Frequency:
C. Averaging Period:
D. QA/QC Procedures:
E. Verification Procedures:
F. Representative Date:
VI. PERIODIC MONITORING CASE-BY-CASE
A. Indicator: Visible Emissions
B. Minimum Frequency: once per quarter
C. Averaging Period: N/A
D. Periodic Monitoring Text:

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.



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Monitoring Requirements
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Table 1b: CAM/PM Control Device Additions

EMISSION UNIT			CONTROL DEVICE			
1.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
2.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
3.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
4.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
5.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
6.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
7.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
8.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
9.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
10.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	

Table 1c: CAM/PM Case-By-Case Additions

I. IDENTIFYING INFORMATION
A. Account No.: HG-0130-C
B. RN No.: RN100219310
C. CN: CN600127468
D. Permit No.: O1381
E. Project No.: TBD
F. Area Name: Valero Houston Refinery
G. Company Name: Valero Refining, Texas, L.P.
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION
A. Revision No.: 43
B. Unit/EPN/Group/Process ID No.: 50BF02
C. Applicable Form: OP-UA6



**Texas Commission on Environmental Quality
Monitoring Requirements
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Table 1c: CAM/PM Case-By-Case Additions (*continued*)

III. APPLICABLE REGULATORY REQUIREMENT
A. Name: 30 TAC Chapter 111, Visible Emissions
B. SOP/GOP Index No.: R7300-6
C. Pollutant: OPACITY
D. Main Standard: § 111.111(a)(1)(A)
E. Monitoring Type: PM
F. Unit Size:
G. Deviation Limit: 30% Opacity
IV. CONTROL DEVICE INFORMATION
A. Device ID No.: 50BF02
B. Device Type: BOIL2
V. CAM CASE-BY-CASE
A. Indicator:
B. Minimum Frequency:
C. Averaging Period:
D. QA/QC Procedures:
E. Verification Procedures:
F. Representative Date:
VI. PERIODIC MONITORING CASE-BY-CASE
A. Indicator: Visible Emissions
B. Minimum Frequency: once per quarter
C. Averaging Period: N/A
D. Periodic Monitoring Text:

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.



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Table 1b: CAM/PM Control Device Additions

EMISSION UNIT			CONTROL DEVICE			
1.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
2.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
3.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
4.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
5.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
6.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
7.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
8.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
9.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	
10.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:	

Table 1c: CAM/PM Case-By-Case Additions

I. IDENTIFYING INFORMATION
A. Account No.: HG-0130-C
B. RN No.: RN100219310
C. CN: CN600127468
D. Permit No.: O1381
E. Project No.: TBD
F. Area Name: Valero Houston Refinery
G. Company Name: Valero Refining, Texas, L.P.
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION
A. Revision No.: 44
B. Unit/EPN/Group/Process ID No.: 50BF03
C. Applicable Form: OP-UA6



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Table 1c: CAM/PM Case-By-Case Additions (continued)

III. APPLICABLE REGULATORY REQUIREMENT
A. Name: 30 TAC Chapter 111, Visible Emissions
B. SOP/GOP Index No.: R7300-6
C. Pollutant: OPACITY
D. Main Standard: § 111.111(a)(1)(A)
E. Monitoring Type: PM
F. Unit Size:
G. Deviation Limit: 30% Opacity
IV. CONTROL DEVICE INFORMATION
A. Device ID No.: 50BF03
B. Device Type: BOIL2
V. CAM CASE-BY-CASE
A. Indicator:
B. Minimum Frequency:
C. Averaging Period:
D. QA/QC Procedures:
E. Verification Procedures:
F. Representative Date:
VI. PERIODIC MONITORING CASE-BY-CASE
A. Indicator: Visible Emissions
B. Minimum Frequency: once per quarter
C. Averaging Period: N/A
D. Periodic Monitoring Text:

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.



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Table 1b: CAM/PM Control Device Additions

EMISSION UNIT			CONTROL DEVICE		
1.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
2.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
3.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
4.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
5.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
6.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
7.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
8.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
9.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:
10.	A. Unit ID No.:		B. Device ID No.:		C. Device Type:

Table 1c: CAM/PM Case-By-Case Additions

I. IDENTIFYING INFORMATION
A. Account No.: HG-0130-C
B. RN No.: RN100219310
C. CN: CN600127468
D. Permit No.: O1381
E. Project No.: TBD
F. Area Name: Valero Houston Refinery
G. Company Name: Valero Refining, Texas, L.P.
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION
A. Revision No.: 45
B. Unit/EPN/Group/Process ID No.: GRP-HEATER
C. Applicable Form: OP-MON



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Table 1c: CAM/PM Case-By-Case Additions (*continued*)

III. APPLICABLE REGULATORY REQUIREMENT
A. Name: 30 TAC Chapter 111, Visible Emissions
B. SOP/GOP Index No.: R2112-001
C. Pollutant: OPACITY
D. Main Standard: § 111.111(a)(1)(A)
E. Monitoring Type: PM
F. Unit Size:
G. Deviation Limit: 30% Opacity
IV. CONTROL DEVICE INFORMATION
A. Device ID No.: GRP-HEATER
B. Device Type: OTH
V. CAM CASE-BY-CASE
A. Indicator:
B. Minimum Frequency:
C. Averaging Period:
D. QA/QC Procedures:
E. Verification Procedures:
F. Representative Date:
VI. PERIODIC MONITORING CASE-BY-CASE
A. Indicator: Visible Emissions
B. Minimum Frequency: once per quarter
C. Averaging Period: N/A
D. Periodic Monitoring Text:

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.